

WHAT IS CLAIMED:

1. An eyewear member for use by a person wearing conventional eyewear, said eyewear member comprising:

a substantially planar, thin walled body utilizable with conventional eyewear, said body having an enclosure with at least one enlarged opening, said enlarged opening to align with a lens of said eyewear, said body to provide a close fit with a face of the person using said eyewear member to diminish the entry of foreign material and light between the eyewear and the person's face, means attached to said eyewear member for mounting said eyewear member in juxtaposition to the eyewear.

2. The eyewear member as defined in Claim 1 wherein there is another said enlarged opening dividing said body into a pair of eyeglass sections.

3. The eyewear member as defined in Claim 2 wherein said eyeglass sections are connected by a bridge.

4. The eyewear member as defined in Claim 3 wherein said bridge includes structure separating said eyeglass sections.

5. The eyewear member as defined in claim 4 wherein said means for separation comprising a telescoping interconnection.
6. The eyewear member as defined in claim 4 wherein said means for separation comprises an interlocking structure.
7. The eyewear member as defined in Claim 1 wherein said means for securing provides for removable securement of said body relative to said conventional eyewear.
8. The eyewear member as defined in claim 7 wherein said means for securing comprising at least one angled projection member mounted on said body, each said angled projection member to engage with the conventional eyewear.
9. The eyewear member as defined in Claim 8 wherein said angled projection member is adjustable relative to said body to permit achieving usage of said eyewear member on a greater number of different designs of conventional eyewear.
10. The eyewear member as defined in Claim 7 wherein there is another said enlarged opening dividing said body into a pair of eyeglass sections; said eyeglass sections being connected by a

bridge; and said means for securing comprising a nosepiece mounted on said bridge, said nosepiece adapted to engage with a nose of a person using said eyewear member.

11. The eyewear member as defined in claim 1 wherein a sealing strip is attached to said body for obtaining said close fit.

12. The eyewear member as defined in Claim 11 wherein said sealing strip comprising a substantially straight segment which has a tapered configuration defining a wider end and a narrower end;

said eyeglass sections being connected by a bridge;

said means for securing comprising a nosepiece mounted on said bridge,

said nosepiece adapted to engage with a nose of a person using said attachment; and

said narrower end being located directly adjacent said bridge,

13. The eyewear member as defined in Claim 11 wherein said sealing strip being removably secured to said body to facilitate using substantially different sizes of sealing strips according to desires of a user.

14. The eyewear member as defined in claim 1 wherein said

enlarged opening including a lens.

15. The eyewear member as defined in Claim 14 wherein said body having mounted thereon mounting means for mounting of said eyewear member on a head of a user.

16. The eyewear member as defined in Claim 15 wherein said mounting means comprises a strap.

17. The eyewear member as defined in Claim 15 wherein said mounting means comprising temple earpieces.

18. The eyewear member as defined in Claim 1 wherein said means for securing comprises a magnetic material associated with said body.

19. The eyewear member as defined in Claim 1 wherein said body includes adjustment means for varying the size of said enlarged opening.

20. An eyewear sealing system for removable deployment onto conventional eyewear having a peripheral region corresponding to a user's facial region surrounding the user's two eyes, said eyewear

sealing system comprising:

at least one resilient body member made and arranged to conform to a designated portion of the user's face and to extend from the eyewear for sealing out wind, debris and foreign matter from the eyes of the user; and

attachment means for mounting said resilient sealing member onto the peripheral region of said conventional eyewear in a manner that requires no modification of the conventional eyewear and which enables easy removal of the resilient sealing member from said conventional eyewear.

21. A removable eyewear member for use with conventional eyewear comprising:

a body having a first side and a second side oppositely disposed with respect to said first side, and at least one engagement surface for attachment adjacent a peripheral edge of a conventional eyewear structure;

a sealing structure attached to said second side and extending away from said second side for engaging the face of a wearer of said eyewear.

22. The removable eyewear member recited in claim 21 wherein said engagement piece has a base member supporting a front

wall having said first side and a first internally disposed side and supporting a rear wall having said second side and a second internally disposed side.

23. The removable eyewear member recited in claim 22 wherein said front wall of said engagement piece is curved inwardly to facilitate a pinch fit attachment of said engagement piece adjacent said peripheral edge of said eyewear structure.

24. The removable member recited in claim 22 wherein one of said front and rear wall of said engagement piece has a projection directed toward the other of said front and rear wall to engage said attachment member with respect to a groove carried adjacent an peripheral edge of said eyewear structure.

25. The removable eyewear member for use with eyewear as recited in claim 21 and further comprising:

a first area of one of angled projection member and loop members attached to said engagement piece, and a second area of the other of hook and loop members engageable with said first area and attachable adjacent said peripheral edge of said eyewear structure.

26. The removable eyewear member for use with eyewear as

recited in claim 21 wherein said engagement piece is magnetic and wherein said first side is shaped for complementarily engagement to said peripheral edge of said eyewear structure.

27. The removable eyewear member recited in claim 22 wherein at least one of said base member, said first side and said second side of said engagement piece carries a support channel for partially supporting said sealing structure.

28. The removable eyewear member recited in claim 27 wherein said channel member carries a plurality of spaced apart slots to enable moisture to pass through.

29. The removable eyewear member recited in claim 21 wherein at least one of said first and said second sides of said engagement piece has a series of spaced apart notches to enable said engagement piece to be fitted along different sizes of a radius of contour on said eyewear.

30. The removable eyewear member recited in claim 21 wherein said sealing structure comprises a deformable structure easily deformable against a wearer's face to block out wind and debris from entering between said sealing structure and said wearer's

face.

✓ 31. The removable eyewear member recited in claim 30 wherein said deformable structure is a foam piece having a porous volume and an open cell structure.

32. The removable eyewear member recited in claim 31 wherein said foam piece has at least one surface which is impermeable.

33. The removable eyewear member recited in claim 32 wherein at least one of said front and rear walls carries a threaded aperture and further composing a set screw carried within said aperture for providing force engagement with respect to a peripheral edge of said eyewear structure.

5 34. The removable eyewear member for use with eyewear as recited in claim 21 wherein said engagement piece carries at least one of a plurality of pegs and blind bores and wherein said engagement piece is for engagement with an peripheral edge of an eyewear structure carrying the other of said plurality of pegs and blind bores to facilitate attachment of said engagement piece to said eyewear structure.



35. The removable eyewear member for use with eyewear as recited in claim 21 wherein said engagement piece carries at least one of a first plurality of raised extensions and depressions and wherein said engagement piece is for engagement with a surface of an eyewear structure carrying a complementary second plurality of raised extensions and depressions to facilitate attachment of said engagement piece to said eyewear surface.

36. An eyewear structure comprising:

a frontal support having a downwardly directed slot and a void opening into said slot at an angle with respect to said slot;

a continuous lens having a curved planar surface having an upper peripheral edge fitted into said downwardly directed slot and carrying a protrusion member arising from the curved planar surface of said lens and complementary to and fittable withing said void to hold said lens within said frontal support, said continuous lens having an peripheral edge;

a sealing member attached to said peripheral edge for providing a barrier to wind and debris from entering an eye area of a wearer of said eyewear structure.

37. The eyewear structure recited in claim 36 wherein said protrusion member has a hem-circular sectional profile and said void

matches said hem-circular sectional profile.

38. The eyewear structure recited in claim 36 wherein said protrusion member has a right triangular sectional profile and said void matches said right triangular sectional profile.

39. The eyewear structure recited in claim 36 wherein said protrusion member has an equilateral triangular sectional profile and said void matches said equilateral triangular sectional profile.

40. The eyewear structure recited in claim 36 wherein said protrusion member is a first protrusion member and said continuous lens carries a second protrusion member, oppositely disposed with respect to said first protrusion member.

41. The eyewear structure recited in claim 36 and further comprising:

an engagement piece having a first side and a second side oppositely disposed with respect to said first side, and at least one engagement surface for attachment adjacent said peripheral edge of said continuous lens;

a sealing structure attached to said second side of said engagement piece and extending away from said second side for

engaging the face of a wearer of said eyewear.

42. The eyewear structure recited in claim 41 wherein said engagement piece has a base member supporting a front wall having said first side and a first internally disposed side and supporting a rear wall having said second side and a second internally disposed side, and wherein said peripheral edge of said continuous lens abuts said base member.

43. The eyewear structure recited in claim 42 wherein at least one of said first and said second sides of said engagement piece has a series of spaced apart notches to enable said engagement piece to be fitted along different sizes of a radius of contour on said eyewear.

44. The eyewear structure recited in claim 43 wherein said engagement piece carries a gently sloping notch along the length of said engagement piece and wherein said continuous lens has a right area, a left area, and a nose area, and where said engagement piece extends continuously from said right area through said nose area and to said left area and where said gently sloping notch reduces visibility blockage adjacent said nose area.

45. A removable eyewear member for use with eyewear comprising:

an engagement piece having a first end and a second end, both for attachment in a position adjacent a peripheral edge of an eyewear structure, a first side and a second side oppositely disposed with  
5 respect to said first side;

a sealing structure attached to said second side and extending away from said second side for engaging the face of a wearer of said eyewear.

46. The removable eyewear member recited in claim 45 wherein said first and second ends are shaped hooks for hooked engagement with an eyewear structure.

47. The removable member recited in claim 45 and further including at least one of a suspension nose bridge and a nose bridge engagement portion between said first and second ends.

48. An eyewear sealing system for removable deployment onto conventional eyewear having a peripheral region corresponding to a wearer's facial region surrounding the wearer's two eyes, comprising:

at least one resilient sealing member made and arranged to

conform to a designated portion of the wearer's facial region and to extend therefrom to a corresponding designated portion of the peripheral region of the eyewear for selective sealing out of at least one of wind, debris and foreign matter from the eyes of the wearer, and

attachment means for deploying said resilient sealing member onto the peripheral region of the eyewear in a manner that requires no modification of the eyewear and that enables easy removal of the sealing member from the eyewear wherein said attachment means further comprises:

an engagement piece having a cross-section configured as a generally U-shaped channel having a floor and two walls, made and arranged to frictionally engage the designated portion of the peripheral region of the eyewear within the channel with a wall surface facing the user, said resilient sealing member attached to the wall surface facing the user

a second channel attached to at least one of said first channel and said sealing member, for providing drainage for the eyewear.